

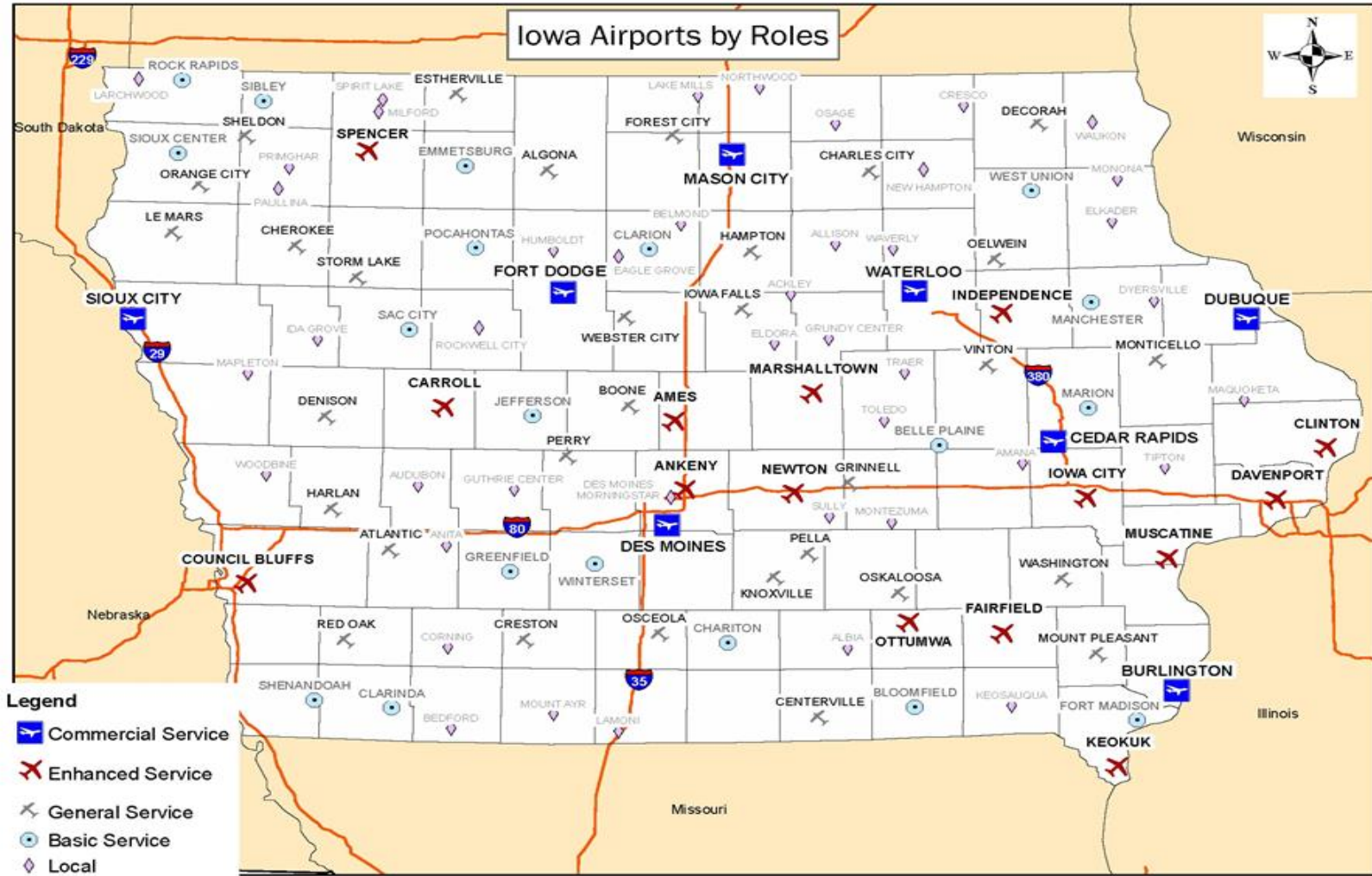
# **State Aviation Program FY 2016**



**Iowa Transportation Commission  
July 14, 2015**



# Iowa Aviation System



# State Aviation Grant Programs

- Airport Improvement Program (AIP)
  - Aviation safety
  - Aviation planning and development
- Commercial Service Vertical Infrastructure Program (CSVI)
- General Aviation Vertical Infrastructure Program (GAVI)



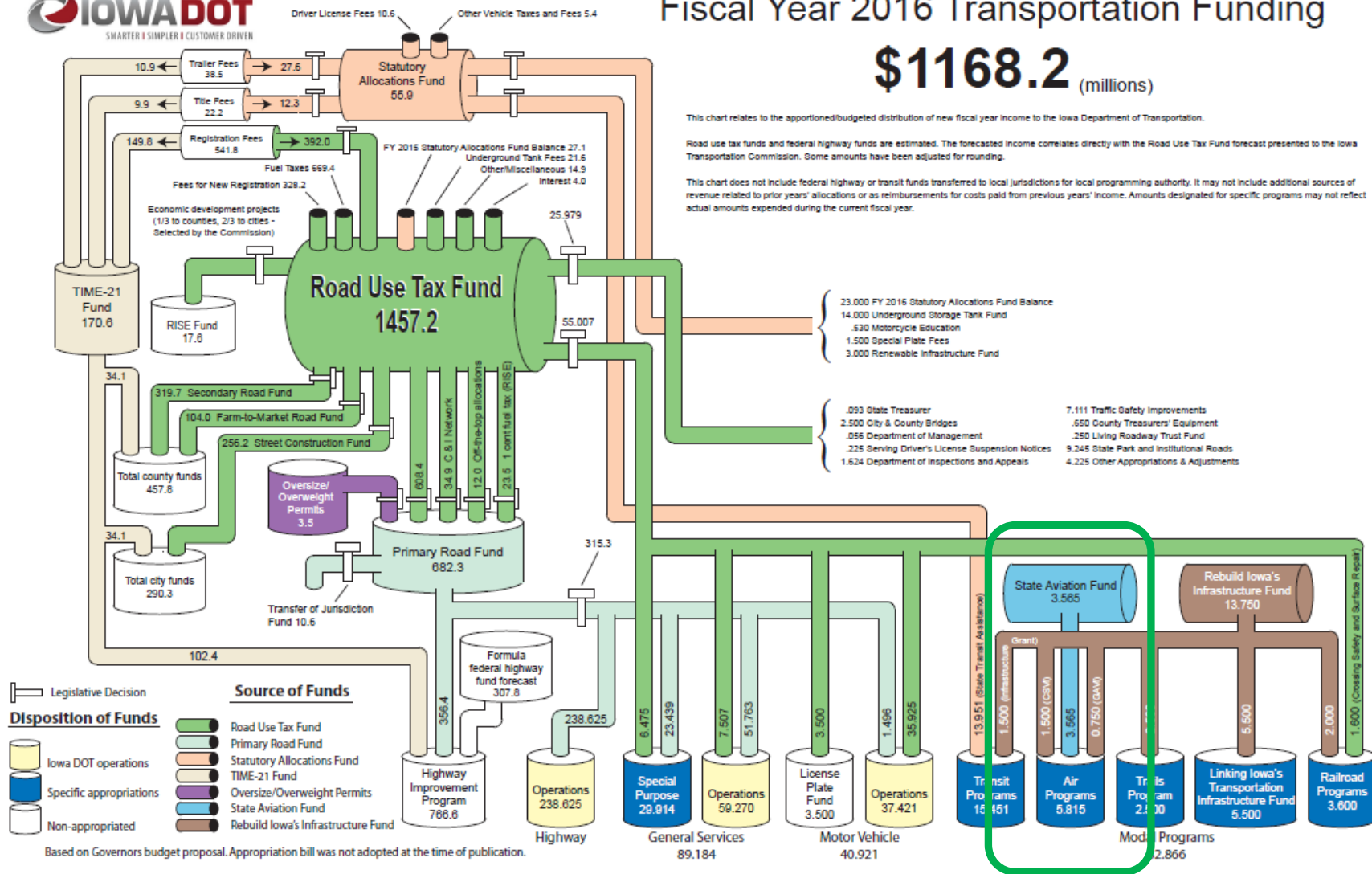
# Fiscal Year 2016 Transportation Funding

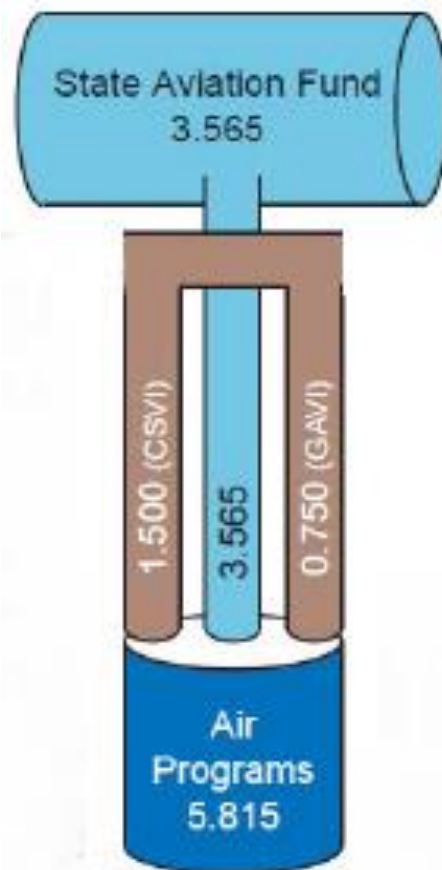
## \$1168.2 (millions)

This chart relates to the apportioned/budgeted distribution of new fiscal year income to the Iowa Department of Transportation.

Road use tax funds and federal highway funds are estimated. The forecasted income correlates directly with the Road Use Tax Fund forecast presented to the Iowa Transportation Commission. Some amounts have been adjusted for rounding.

This chart does not include federal highway or transit funds transferred to local jurisdictions for local programming authority. It may not include additional sources of revenue related to prior years' allocations or as reimbursements for costs paid from previous years' income. Amounts designated for specific programs may not reflect actual amounts expended during the current fiscal year.

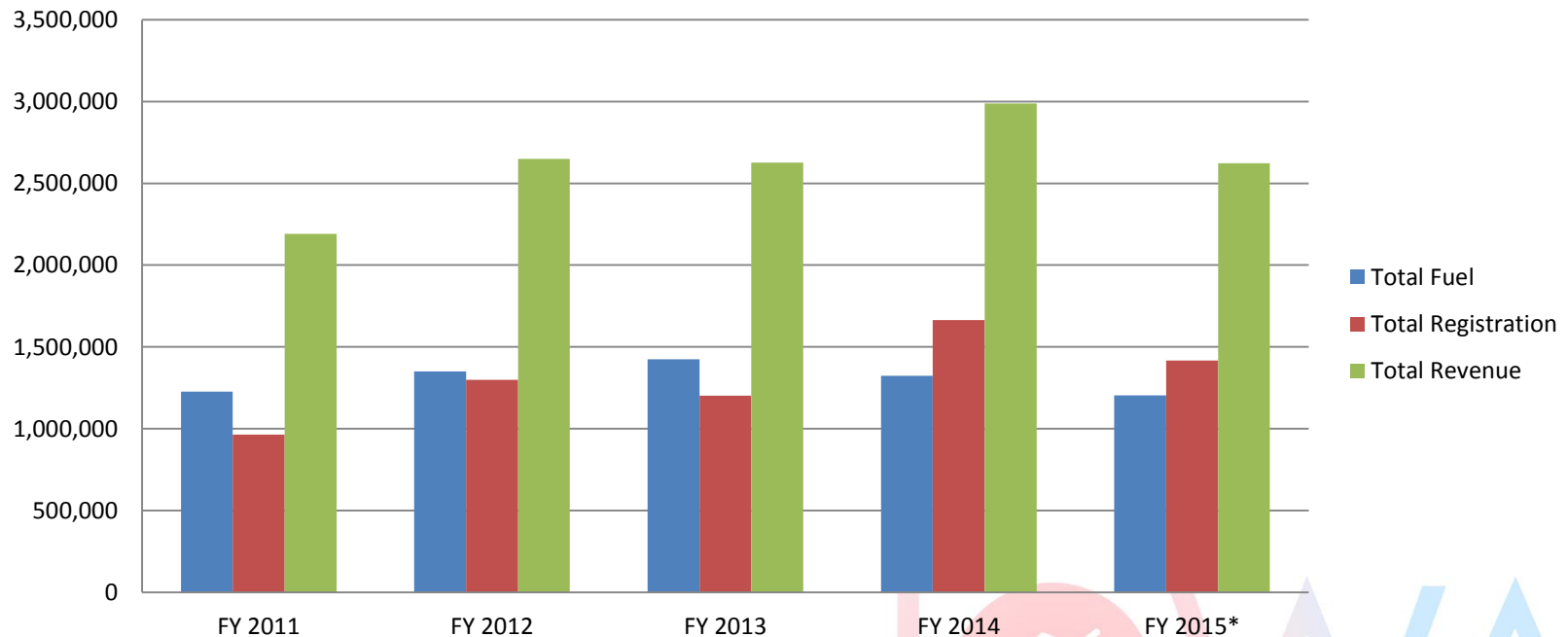




# Airport Improvement Program

## Funded by the State Aviation Fund

### Aviation Revenue



\*FY2015 Revenue through May



# State Programming Process

- Applications due May
- Aviation staff review and prioritization of projects
- Review recommended program with director
- Recommendation to Commission in July
- Request approval from Commission in August



# State Aviation Program FY 2016

- Airport Improvement Program      \$3,079,687
- Vertical Infrastructure Programs
  - Commercial Service (CSVI)      \$1,500,000
  - General Aviation (GAVI)      \$ 750,000

Total      \$5,329,687





# FY 2016

## Airport Improvement Program

- **Aviation Safety** \$425,814
    - AWOS maintenance, data link
    - Runway marking
    - Immediate Safety Enhancements
    - Windsocks
    - Wildlife mitigation
    - Obstruction mitigation
    - Education and outreach
  
  - **Aviation Planning & Development** \$2,653,873
    - Airport Development \$2,343,873
    - Air service development \$ 310,000
    - Land use implementation
    - Statewide planning studies/zoning
- Total \$3,079,687**

# **Airport Improvement Program**

## **Airport Development Projects**

- 761 Iowa Administrative Code Section 710.5(328) State airport improvement funds
  - Public owned airports
  - Projects benefit and accessible to public
  - Airport layout plan
  - Evaluate projects based on aviation system plan: airport roles, goals and objectives; justification; and ability to enhance activity
  - Up to 85% state share



# Airport Development Projects

## Staff Review and Prioritization

- Project Requirements:
  - New construction must be shown on an Airport Layout Plan
  - Meet objectives of system plan
  - No outstanding grants not showing significant progress
  - Security plan if security project
  - Projects greater than \$5,000
- Prioritization Criteria
  - Airport Role
  - Local participation
  - Multi-jurisdictional support
  - Type of project
  - Justification



# Airport Development Project Assessment

<b>Airport Role</b>	<b>5-20</b>
Enhanced/commercial service	20
General service	15
Basic service	10
Local service	5

<b>Multi-jurisdictional – coordinated efforts</b>	<b>0-10</b>
Involves more than one airport	10
Involves city and county	5
Not applicable	0

<b>Local Participation</b>	<b>5-30</b>
70% or more	30
55-69%	25
40-54%	20
25-39%	15
16-24%	10
15%	5



# Airport Development Project Assessment

Type of Project	5-30
Airfield lighting/navigational aids	30
Planning	30
Runway surfaces	30
Obstruction removal	30
Obstruction lighting	25
Other airfield surfaces	25
Signage (runway)	25
Fuel facilities	25
Landside lighting/other security	25
Fencing	20
Land	10
Parking lot, entrance road	5
Signage (airport)	5

Project Justification	5-20
Examples:	
Safety/security	20
Preservation/rehabilitation	15
Business/economic development expansion	15
Increases capacity	15
Beyond system plan objective, need established	10



# FY 2016 Airport Development Recommended Projects

Airport	Project	Total Project Cost	State Amount	Local Amount	Local Share Percent
Ames Municipal Airport	Rehabilitate taxiway	\$222,000	\$150,000	\$72,000	32%
Cherokee County Regional Airport	Create zoning ordinance	\$18,000	\$15,300	\$2,700	15%
Clinton Municipal Airport	Rehabilitate hangar apron	\$141,200	\$101,200	\$40,000	28%
Davenport Municipal Airport	Rehabilitate runway and taxiway pavement	\$136,158	\$95,311	\$40,847	30%
Decorah Municipal Airport	Terminal driveway and fence improvements	\$85,000	\$72,250	\$12,750	15%
Iowa City Municipal Airport	Expand aircraft parking apron	\$249,900	\$174,930	\$74,970	30%
Iowa Falls Municipal Airport	Conduct airport drainage study	\$34,450	\$29,280	\$5,170	15%
Marion Municipal Airport	Create airport layout plan	\$72,000	\$61,200	\$10,800	15%
Marion Municipal Airport	Create zoning ordinance	\$29,500	\$25,000	\$4,500	15%
Marion Municipal Airport	Create land use ordinance	\$22,500	\$19,125	\$3,375	15%
Monticello Regional Airport	Construct taxiway for future t-hangar development	\$228,034	\$193,828	\$34,206	15%
Muscatine Municipal Airport	Upgrade airport electrical system	\$72,500	\$61,625	\$10,875	15%



# FY 2016 Airport Development Recommended Projects - Continued -

Airport	Project	Total Project Cost	State Amount	Local Amount	Local Share Percent
Ottumwa Regional Airport	Expand apron and taxiway	\$257,500	\$218,875	\$38,625	15%
Paullina Municipal Airport	Create zoning ordinance	\$20,000	\$17,000	\$3,000	15%
Perry Municipal Airport	Rehabilitate runway pavement	\$150,000	\$105,000	\$45,000	30%
Pocahontas Municipal Airport	Re-grade runway 18-36	\$25,500	\$21,675	\$3,825	15%
Red Oak Municipal Airport	Construct taxiways for T-hangars	\$93,900	\$75,120	\$18,780	20%
Rock Rapids Municipal Airport	Replace rotating beacon	\$45,500	\$36,400	\$9,100	20%
Sioux County Regional Airport	Improve terminal area infrastructure	\$132,200	\$112,200	\$20,000	15%
Sioux Gateway Airport	Improve airfield fencing, lighting and drainage	\$305,840	\$152,950	\$152,890	50%
The Eastern Iowa Airport	Construct new taxiway and apron	\$449,500	\$382,075	\$67,425	15%
Vinton Veterans Municipal Airport	Replace pole and rotating beacon	\$47,860	\$40,681	\$7,179	15%
Washington Municipal Airport	Construct hangar apron	\$77,604	\$65,963	\$11,641	15%
Winterset Municipal Airport	Construct taxilane trench drain	\$23,000	\$19,550	\$3,450	15%
AIP transfer to GAVI			\$97,335		
		<b>\$2,939,646</b>	<b>\$2,343,873</b>	<b>\$693,108</b>	



# FY 2016 Airport Development Projects Not Recommended

Airport	Project	Total Project Cost	State Amount	Local Amount	Local Share Percent
Ankeny Regional Airport	Extend south apron access road and install associated utilities	\$315,000	\$267,750	\$47,250	15%
Boone Municipal Airport	Construct apron for 2-unit hangar	\$67,460	\$57,341	\$10,119	15%
Fairfield Municipal Airport	Runway joint sealing	\$10,000	\$8,500	\$1,500	15%
Forest City Municipal Airport	Runway joint sealing	\$50,000	\$35,000	\$15,000	30%
Fort Dodge Regional Airport	Apron reconstruction (phase 2)	\$270,570	\$220,570	\$50,000	18%
Knoxville Municipal Airport	Reconstruct T-hangar taxilane	\$220,000	\$187,000	\$33,000	15%
Marion Municipal Airport	Rehabilitate runway 17-35	\$780,797	\$663,677	\$117,120	15%
Mason City Municipal Airport	Runway joint sealing	\$109,800	\$76,860	\$32,940	30%
Mason City Municipal Airport	Pavement rehabilitation for service roads and parking lots	\$223,000	\$133,800	\$89,200	40%
Muscatine Municipal Airport	Runway and taxiway joint sealing	\$245,784	\$208,916	\$36,868	15%
Muscatine Municipal Airport	Rehabilitate hangar apron	\$25,000	\$21,250	\$3,750	15%

# FY 2016 Airport Development

## Projects Not Recommended

- Continued -

Airport	Project	Total Project Cost	State Amount	Local Amount	Local Share Percent
New Hampton Municipal Airport	Runway reconstruction	\$599,000	\$498,000	\$101,000	17%
Northeast Iowa Regional Airport	Replace manual gates and install security lighting	\$70,000	\$59,500	\$10,500	15%
Shenandoah Regional Airport	Construct T-hangar taxilanes	\$102,000	\$81,600	\$20,400	20%
Sioux County Regional Airport	Design fuel facility	\$25,000	\$21,250	\$3,750	15%
Sioux Gateway Airport	Airport storm water remediation	\$96,500	\$48,250	\$48,250	50%
Washington Municipal Airport	Expand taxilane	\$79,950	\$67,957	\$11,993	15%
Waukon Municipal Airport	Pavement preservation on runway	\$12,800	\$8,960	\$3,840	30%
Winterset Municipal Airport	Install security vehicle and pedestrian gates and fence	\$35,000	\$29,750	\$5,250	15%
		<b>\$3,337,661</b>	<b>\$2,695,931</b>	<b>\$641,730</b>	



# FY 2016

## Air Service Development (ASD)

- **Air Service Sustainment** – ongoing marketing and educational programs, studies, matching funds for federal grants
  - 80% state share
  - Maximum \$28,000 for each commercial service airport
  - Focus on building market share within the airport's market area
    - Advertising, web site enhancements, promotions, travel champions, & public relations
    - 2008 Air Service Study found 500,000 potential passengers leaving market areas



# FY 2016 Air Service Development Enhancement

- **Air Service Enhancement** – recruitment of new air service using financial incentives, market entry support, and air service and data analysis studies
  - Grant cap of 40% of unobligated funds
  - Significant local match
  - Focus on new routes, low cost service and increased capacity



# Vertical Infrastructure Programs

- Annual appropriations
  - Funding has been from Rebuild Iowa Infrastructure Fund or restricted capitals
- Iowa Code Section 8.57.B defines vertical infrastructure
  - Major rehabilitation or new construction of vertical infrastructure, includes utilities
  - Does not include routine maintenance



# Commercial Service Vertical Infrastructure Program (CSVI)

- 761 Iowa Administrative Code Chapter 716 Commercial Service Vertical Infrastructure Program
  - Airports receiving scheduled commercial air service
  - Eligible projects include renovation and new construction of hangars, terminals, and maintenance facilities
  - Transportation commission approves the projects
- **FY 2016 - \$1,500,000**



# Commercial Service Vertical Infrastructure Program (CSVI) FY 2016 Formula Distribution

## FY 2016 CSVI Formula Distribution

Based on \$1,500,000

Airport	50 % of Funds	Enplanements	Percent of Enplanements	40 % - Enplanements	Cargo(tons)	Percent of Cargo	10% - Cargo	Total Available
Des Moines	\$93,750	1,078,496	63.77%	\$382,597	129,470,911	72.588%	\$108,882	\$585,230
Dubuque	\$93,750	33,465	1.98%	\$11,872	73,788	0.041%	\$62	\$105,684
Eastern Iowa	\$93,750	520,360	30.77%	\$184,598	48,812,039	27.367%	\$41,050	\$319,398
Fort Dodge	\$93,750	3,083	0.18%	\$1,094	1,016	0.001%	\$1	\$94,845
Mason City	\$93,750	3,188	0.19%	\$1,131	1,155	0.001%	\$1	\$94,882
Sioux City	\$93,750	25,313	1.50%	\$8,980	2,421	0.001%	\$2	\$102,732
Southeast Iowa	\$93,750	6,439	0.38%	\$2,284	0	0.000%	\$0	\$96,034
Waterloo	\$93,750	20,984	1.24%	\$7,444	2,453	0.001%	\$2	\$101,196
Total	\$750,000	1,691,328	100.00%	\$600,000	178,363,783	100.000%	\$150,000	\$1,500,000





# FY 2016 Commercial Service Vertical Infrastructure Projects

Airport	Project	Total Project Cost	Allocated State Share
Des Moines International Airport	Construct T-hangars	\$3,619,000	\$585,230
Des Moines International Airport	Construct FBO Facility	\$16,471,000	
*Dubuque Regional Airport	Storage hangar design	\$2,500,000	\$105,684
The Eastern Iowa Airport	Rehabilitate terminal building (phase 3)	\$8,018,250	\$319,398
Fort Dodge Regional Airport	Construct hangar	\$100,000	\$94,845
Fort Dodge Regional Airport	Redesign flight service station	\$100,000	
Mason City Municipal Airport	Replace 8 garage overhead doors	\$46,000	\$94,882
Mason City Municipal Airport	Perform a terminal electrical & mechanical systems study	\$48,882	
Sioux Gateway Airport	Rehabilitate and build hangars	\$120,000	\$102,732
Southeast Iowa Regional Airport	Replace storm damaged hangars	\$288,000	\$96,034
**Waterloo Regional Airport	Hangar rehabilitation and baggage area renovation	\$119,720	\$101,196
		<b>\$31,430,852</b>	<b>\$1,500,000</b>

\* Dubuque Regional Airport requests carryover funds from previous years to be used for 2016 storage hangar project

\*\* Waterloo Regional Airport requests carryover from pervious years to be used for programmed CSVI facility projects

# General Aviation Vertical Infrastructure Program (GAVI)

- 761 Iowa Administrative Code Chapter 717 General Aviation Airport Vertical Infrastructure Program
  - Governmental subdivision owning general aviation airport
  - Eligible projects include hangars, terminals, fuel facilities and maintenance facilities
  - Evaluate project based on airport role, state aviation system objectives and increased aeronautical activity
  - Up to 85% state share
- **FY2016 - \$750,000** (Plus \$97,335 from Airport Development funds)



# General Aviation Vertical Infrastructure Review & Prioritization

- Project Requirements:
  - New construction must be shown on an Airport Layout Plan
  - Meet objectives of system plan
  - No outstanding grants not showing significant progress
  - Security plan if security project
  - Projects greater than \$5,000
  - Maximum: new construction \$150,000, rehabilitation \$75,000
- Prioritization Criteria
  - Airport Role
  - Local participation
  - Multi-jurisdictional support
  - Type of project
  - Justification



# General Aviation Vertical Infrastructure Assessment

<b>Airport Role</b>	<b>5-20</b>
Enhanced/commercial service	20
General service	15
Basic service	10
Local service	5

<b>Multi-jurisdictional – coordinated efforts</b>	<b>0-10</b>
Involves more than one airport	10
Involves city and county	5
Not applicable	0

<b>Local Participation</b>	<b>5-30</b>
70% or more	30
55-69%	25
40-54%	20
25-39%	15
16-24%	10
15%	5



# General Aviation Vertical Infrastructure Assessment

Type of Project	10-30
Fuel facility	30
Hangar	30
Terminal	25
Maintenance hangar	25
Maintenance building	15
Other buildings, structures	10

Project Justification	5-20
Documented need (e.g. Waiting list)	5-20
Economic development expansion	15-20
Increases capacity	10-20
Improves security/safety/functionality	10-20
Returns structure to original condition	15
Utilities	5

# FY 2016 General Aviation Vertical Infrastructure (GAVI) Recommended Projects

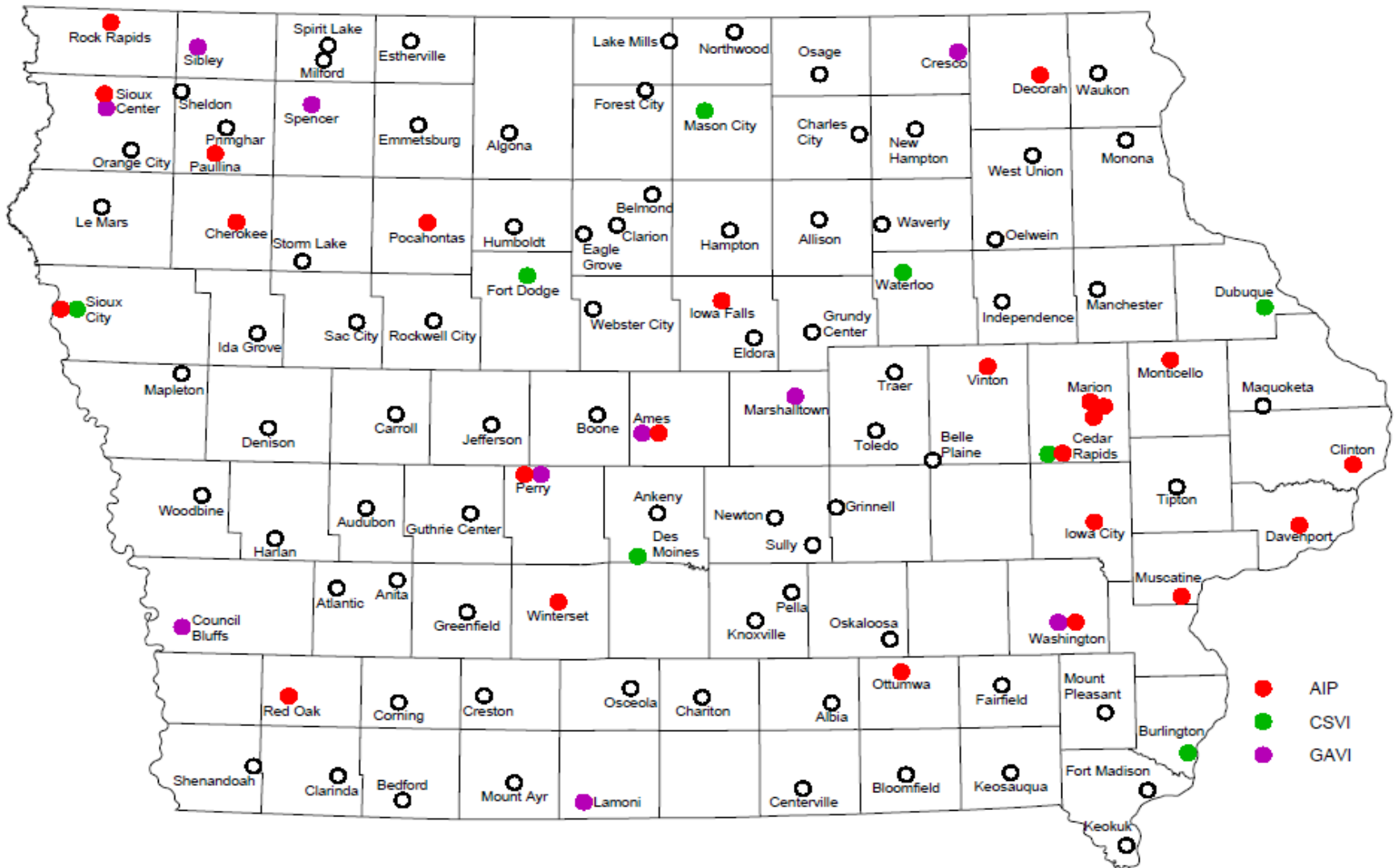
Airport	Project	Total Project Cost	State Amount	Local Amount	Local Share Percent
Ames Municipal Airport	Site improvements for future terminal building	\$2,410,000	\$150,000	\$2,260,000	94%
Council Bluffs Municipal Airport	Replace T-hangar door operators	\$216,451	\$75,000	\$141,451	65%
Cresco Municipal Airport	Rehabilitate hangar and construct pilot lounge	\$18,728	\$15,919	\$2,809	15%
Lamoni Municipal Airport	Construct 6-aircraft hangar	\$322,000	\$150,000	\$172,000	53%
Marshalltown Municipal Airport	Pave hangar floor	\$94,500	\$80,325	\$14,175	15%
Perry Municipal Airport	Repair hangar roof	\$20,000	\$14,000	\$6,000	30%
Sibley Municipal Airport	Rehabilitate terminal building	\$26,836	\$16,101	\$10,735	40%
Sioux County Regional Airport	Construct maintenance and electrical vault buildings	\$182,200	\$150,000	\$32,200	18%
Spencer Municipal Airport	Rehabilitate hangar floor	\$76,650	\$45,990	\$30,660	40%
Washington Municipal Airport	Construct hangar	\$630,540	\$150,000	\$480,540	76%
		<b>\$3,997,905</b>	<b>\$847,335</b>	<b>\$3,150,570</b>	

# FY 2016 GAVI Projects Not Recommended

Airport	Project	Total Project Cost	State Amount	Local Amount	Local Share Percent
Ankeny Regional Airport	Renovate hangar lighting	\$42,700	\$36,295	\$6,405	15%
Belle Plaine Municipal Airport	T-Hangar structural changes	\$45,000	\$38,250	\$6,750	15%
Boone Municipal Airport	Construct 2-unit hangar	\$230,950	\$150,000	\$80,950	35%
Cherokee County Regional Airport	Replace hangar doors	\$196,984	\$137,889	\$59,095	30%
Davenport Municipal Airport	Rehabilitate hangar	\$62,000	\$52,000	\$10,000	16%
Independence Municipal Airport	Install self-service fueling system	\$44,000	\$30,800	\$13,200	30%
Iowa City Municipal Airport	Replace hangar doors	\$100,000	\$75,000	\$25,000	25%
Iowa City Municipal Airport	Replace maintenance hangar lighting	\$41,250	\$35,060	\$6,190	15%
Knoxville Municipal Airport	Construct snow removal equipment building	\$210,000	\$150,000	\$60,000	29%
Marion Municipal Airport	Upgrade fuel facility	\$176,470	\$150,000	\$26,470	15%
Shenandoah Regional Airport	Construct 6-unit T-hangar	\$215,000	\$150,000	\$65,000	30%
Vinton Veterans Municipal Airport	Install new hangar doors	\$31,680	\$26,928	\$4,752	15%
		<b>\$1,396,034</b>	<b>\$1,032,222</b>	<b>\$366,622</b>	



# FY 2016 Grant Funding Map



# FY 2016 State Aviation Program

Questions?

